

YAO-4349US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

#3/A

Applicant: S. Usuki et al. : Art Unit:  
Serial No.: To Be Assigned : Examiner:  
Filed: Herewith :  
FOR: ELECTROMAGNETIC :  
TRANSDUCER AND  
PORTABLE COMMUNICATION  
DEVICE

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

S I R :

Prior to examination, please amend the above-identified application as follows:

IN THE SPECIFICATION:

After the title and before the first paragraph, please insert the paragraph THIS APPLICATION IS A U.S. NATIONAL PHASE APPLICATION OF PCT INTERNATIONAL APPLICATION PCT/JP01/03256.

IN THE CLAIMS:

Please replace claim 15 as follows:

- 1 15. (Amended) A portable communication device comprising  
2 an electromagnetic transducer according to [any one of] claim[s] 1[ to 14].

Please add new claims 17-43.

- 1 17. (Newly Added) A portable communication device  
2 comprising an electromagnetic transducer according to claim 2.

1 18. (Newly Added) A portable communication device  
2 comprising an electromagnetic transducer according to claim 3.

1 19. (Newly Added) A portable communication device  
2 comprising an electromagnetic transducer according to claim 4.

1 20. (Newly Added) A portable communication device  
2 comprising an electromagnetic transducer according to claim 5.

1 21. (Newly Added) A portable communication device  
2 comprising an electromagnetic transducer according to claim 6.

1 22. (Newly Added) A portable communication device  
2 comprising an electromagnetic transducer according to claim 7.

1 23. (Newly Added) A portable communication device  
2 comprising an electromagnetic transducer according to claim 8.

1 24. (Newly Added) A portable communication device  
2 comprising an electromagnetic transducer according to claim 9.

1 25. (Newly Added) A portable communication device  
2 comprising an electromagnetic transducer according to claim 10.

1 26. (Newly Added) A portable communication device  
2 comprising an electromagnetic transducer according to claim 11.

1 27. (Newly Added) A portable communication device  
2 comprising an electromagnetic transducer according to claim 12.

1 28. (Newly Added) A portable communication device  
2 comprising an electromagnetic transducer according to claim 13.

1 29. (Newly Added) A portable communication device  
2 comprising an electromagnetic transducer according to claim 14.

1 30. (Newly Added) A portable communication device  
2 according to claim 1, further comprising an antenna for receiving radiowaves  
3 and a transmission/reception circuit for converting the radiowaves into a voice  
4 signal, wherein the electromagnetic transducer reproduces the voice signal.

1 31. (Newly Added) A portable communication device  
2 according to claim 2, further comprising an antenna for receiving radiowaves  
3 and a transmission/reception circuit for converting the radiowaves into a voice  
4 signal, wherein the electromagnetic transducer reproduces the voice signal.

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FOOTSEEK

1           32.   (Newly Added) A portable communication device  
2 according to claim 3, further comprising an antenna for receiving radiowaves  
3 and a transmission/reception circuit for converting the radiowaves into a voice  
4 signal, wherein the electromagnetic transducer reproduces the voice signal.

1           33.   (Newly Added) A portable communication device  
2 according to claim 4, further comprising an antenna for receiving radiowaves  
3 and a transmission/reception circuit for converting the radiowaves into a voice  
4 signal, wherein the electromagnetic transducer reproduces the voice signal.

1           34.   (Newly Added) A portable communication device  
2 according to claim 5, further comprising an antenna for receiving radiowaves  
3 and a transmission/reception circuit for converting the radiowaves into a voice  
4 signal, wherein the electromagnetic transducer reproduces the voice signal.

1           35.   (Newly Added) A portable communication device  
2 according to claim 6, further comprising an antenna for receiving radiowaves  
3 and a transmission/reception circuit for converting the radiowaves into a voice  
4 signal, wherein the electromagnetic transducer reproduces the voice signal.

1           36.   (Newly Added) A portable communication device  
2 according to claim 7, further comprising an antenna for receiving radiowaves  
3 and a transmission/reception circuit for converting the radiowaves into a voice  
4 signal, wherein the electromagnetic transducer reproduces the voice signal.

1           37.   (Newly Added) A portable communication device  
2 according to claim 8, further comprising an antenna for receiving radiowaves  
3 and a transmission/reception circuit for converting the radiowaves into a voice  
4 signal, wherein the electromagnetic transducer reproduces the voice signal.

1           38.   (Newly Added) A portable communication device  
2 according to claim 9, further comprising an antenna for receiving radiowaves  
3 and a transmission/reception circuit for converting the radiowaves into a voice  
4 signal, wherein the electromagnetic transducer reproduces the voice signal.

1           39.   (Newly Added) A portable communication device  
2 according to claim 10, further comprising an antenna for receiving radiowaves  
3 and a transmission/reception circuit for converting the radiowaves into a voice  
4 signal, wherein the electromagnetic transducer reproduces the voice signal.

1           40.   (Newly Added) A portable communication device  
2 according to claim 11, further comprising an antenna for receiving radiowaves

FOOTNOTES

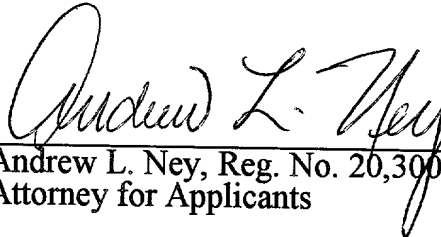
3 and a transmission/reception circuit for converting the radiowaves into a voice  
4 signal, wherein the electromagnetic transducer reproduces the voice signal.

1 41. (Newly Added) A portable communication device  
2 according to claim 12, further comprising an antenna for receiving radiowaves  
3 and a transmission/reception circuit for converting the radiowaves into a voice  
4 signal, wherein the electromagnetic transducer reproduces the voice signal.

1 42. (Newly Added) A portable communication device  
2 according to claim 13, further comprising an antenna for receiving radiowaves  
3 and a transmission/reception circuit for converting the radiowaves into a voice  
4 signal, wherein the electromagnetic transducer reproduces the voice signal.

1 43. (Newly Added) A portable communication device  
2 according to claim 14, further comprising an antenna for receiving radiowaves  
3 and a transmission/reception circuit for converting the radiowaves into a voice  
4 signal, wherein the electromagnetic transducer reproduces the voice signal.

Respectfully Submitted,

  
Andrew L. Ney, Reg. No. 20,300  
Attorney for Applicants

ALN/ap  
Dated: November 30, 2001

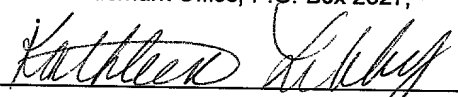
Suite 301  
One Westlakes, Berwyn  
P.O. Box 980  
Valley Forge, PA 19482-0980  
(610) 407-0700

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Kathleen Libby

VERSION WITH MARKINGS TO SHOW CHANGES MADESPECIFICATION:

After the title and before the first paragraph, please insert the paragraph THIS APPLICATION IS A U.S. NATIONAL PHASE APPLICATION OF PCT INTERNATIONAL APPLICATION PCT/JP01/03256.

CLAIMS:

- 1 15. (Amended) A portable communication device comprising an
- 2 electromagnetic transducer according to [any one of] claim[s] 1[ to 14].

Claims 17-43 are newly added.

TOPT-90660